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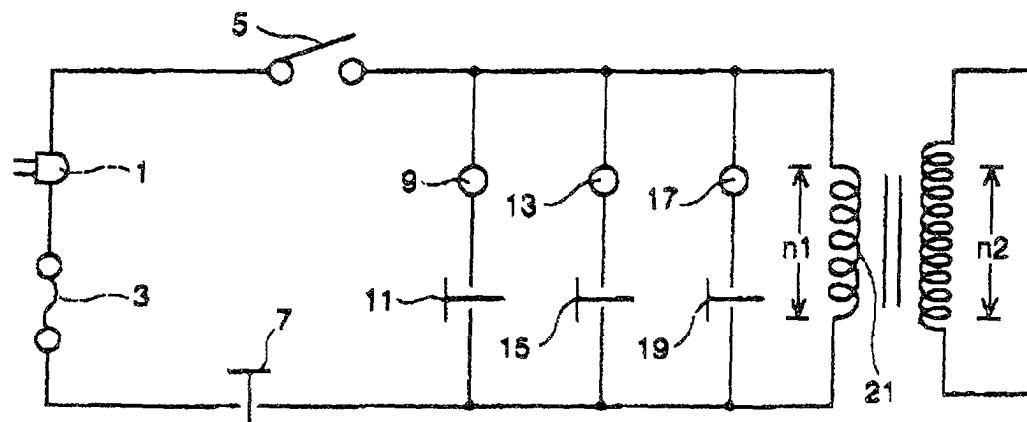
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(54) Apparatus and method for controlling output power of combination hood and microwave oven

(57) The present invention relates to an apparatus and method for controlling output power of a combination hood and microwave oven, and more particularly, to an apparatus and method for controlling power of a combination hood and microwave oven, wherein an output level of a high voltage transformer for generating a high voltage can be adjusted. According to the combination hood and microwave oven of the present invention, the electric power supplied to the high voltage

transformer can be increased by temporarily turning off the parts (limited to the components which can be controlled separately from the microwave oven function), such as the vent fan or the electric indicator lamp, having large power consumption. Thus, the output power level thereof can be increased. Therefore, there are advantages in that the quick cooking can be made and cooking performance can be improved due to the high output of the transformer, when the user intends to make the quick cooking with the high output power.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 6 025 582 A (KANG ET AL) 15 February 2000 (2000-02-15) * abstract * * figures 3-6 * * column 1, line 55 - column 2, line 63 * * column 5, lines 20-57 * * claims 1-14 * -----	1-10	H05B6/80 H05B6/66 F24C15/20
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A	US 4 143 646 A (SAMPSEL ET AL) 13 March 1979 (1979-03-13) * abstract * * claim 1 * -----	1-10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H05B F24C
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	3 May 2005	DE LA TASSA LAFORGUE
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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